



Missouri
Department of
Natural Resources

City of Sikeston
Electric Generation and Emissions in 2010

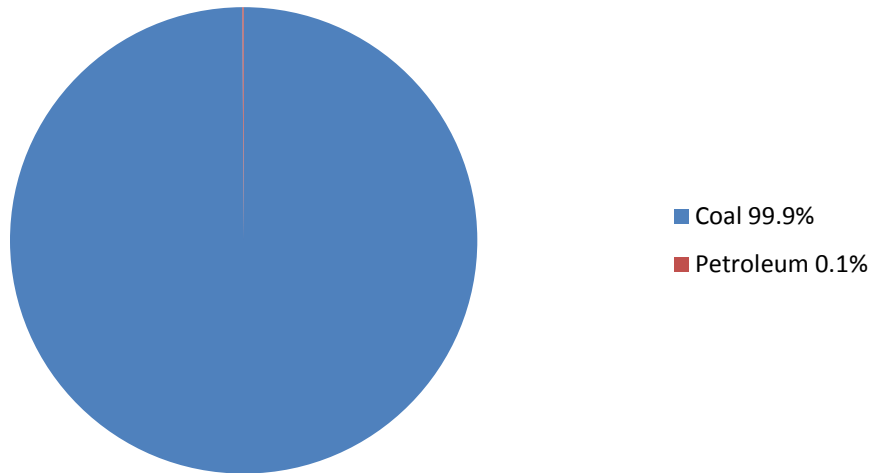
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal	18,635,965	99.9%	99.9%	1,790,923	99.9%	99.9%
Natural Gas						
Petroleum	16,421	0.1%	0.1%	1,568	0.1%	0.1%
Nuclear						
Other						
Non-renewable total	18,652,386	100.0%	100.0%	1,792,491	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	18,652,386		100.0%	1,792,491		100.0%

Fuel Type	Physical Units	Number of Units
Sub-bituminous Coal	Short Tons	1,098,651
Distillate Fuel Oil	Barrels	2,773



Net Generation by Fuel Type, 2010 for City of Sikeston





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Power Plant Nameplate information for City of Sikeston

Plant Name	County Location	Nameplate Capacity (MW)
<i>City of Sikeston</i>		<i>1,061.2</i>
Coleman	Scott	17.2
Sikeston Power Station	Scott	1,044.0



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Emissions from Electricity Generated in 2010: City of Sikeston

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>City of Sikeston</i>	<i>67,733,420</i>	<i>7,977,480</i>	<i>904,092</i>	<i>131,516</i>
Coleman	0	0	0	0
Sikeston Power Station	67,733,420	7,977,480	904,092	131,516

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>City of Sikeston</i>	<i>12,134</i>	<i>0.0008</i>	<i>0.0008</i>
Coleman	0	0.0000	0.0000
Sikeston Power Station	12,134	0.0008	0.0008



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Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by City of Sikeston

Plant	Control Equipment	Sorbent Type
Sikeston Power Station	Venture type, Tray type	Limestone

Identified Flue Gas Particulate (FGP) controls installed on plants operated by City of Sikeston

Plant	Control Equipment
Sikeston Power Station	Electrostatic precipitator, cold side, without flue gas conditioning

Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>